

utah state university - emma eccles jones education building reroof

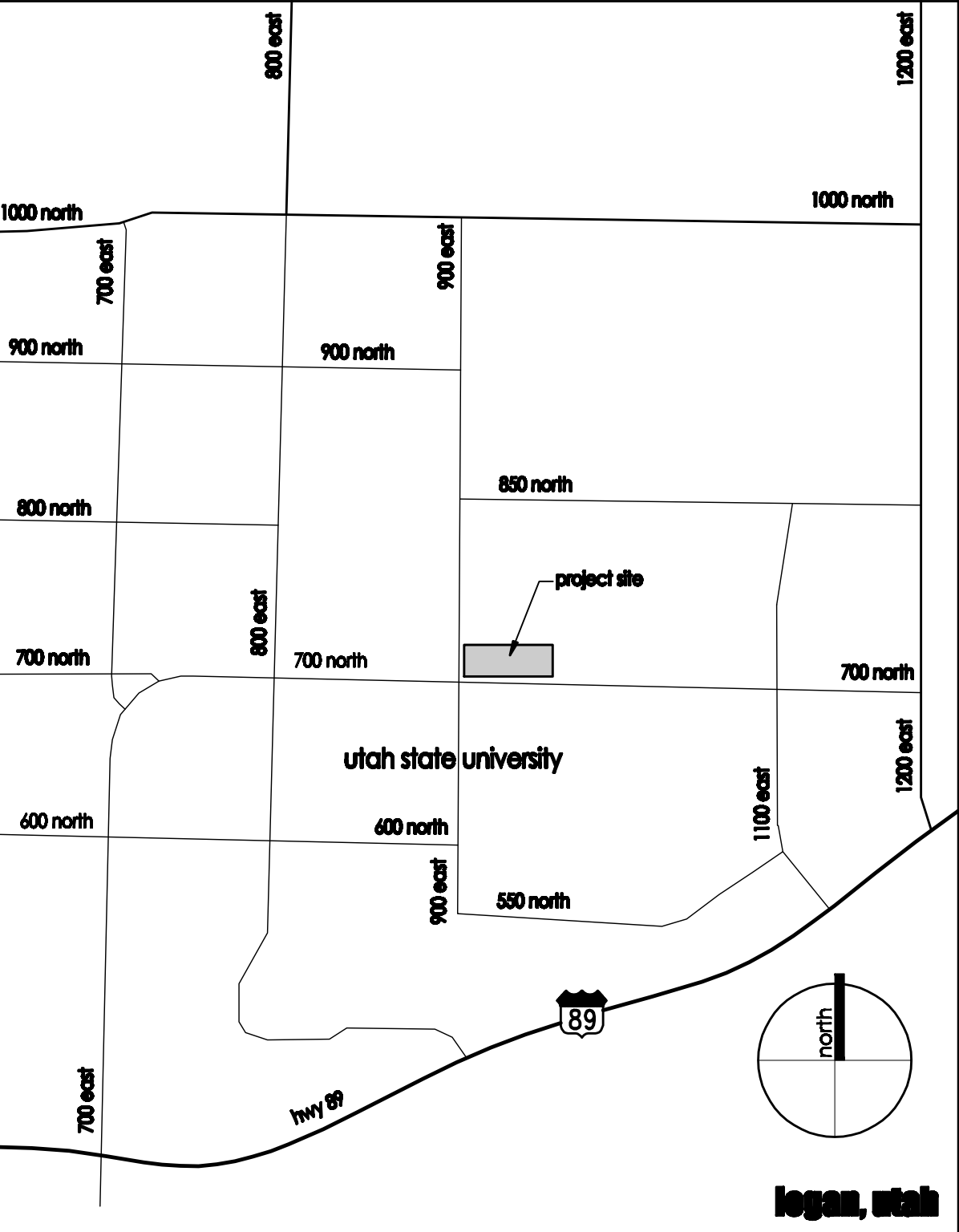
1600 old main hill, logan, utah 84302



standard symbol legend

| | | | |
|--|-----------------------------------|--|---|
| | asphalt | | glass (in elevation) |
| | batt insulation | | gravel / rock fill |
| | ceramic tile (in elevation) | | gypsum board |
| | concrete | | particle board |
| | concrete & plaster (in elevation) | | sand, plaster, stucco & sand setting beds |
| | concrete masonry units | | plywood |
| | brick | | rigid insulation |
| | compacted backfill | | steel |
| | earth | | wood framing (cont. member) |
| | finish lumber | | wood framing (interrupted member) |
| | glass | | metal studs |
| | building section reference | | elevation reference |
| | wall section reference | | room number door designation |
| | detail reference | | window designation |
| | elevation marker | | reflected ceiling elevation |
| | | | room title room number |

vicinity map



campus map



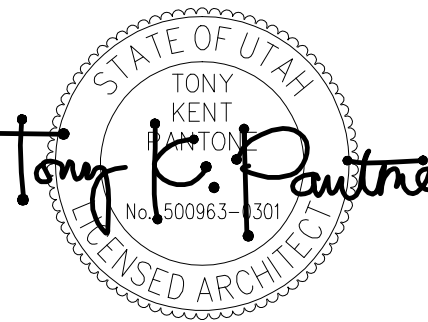
project team

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architect:
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ogden, utah 84401
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g000 cover sheet / general information
e1.1 roof plan
e2.1 roof details



richards
bott
architects

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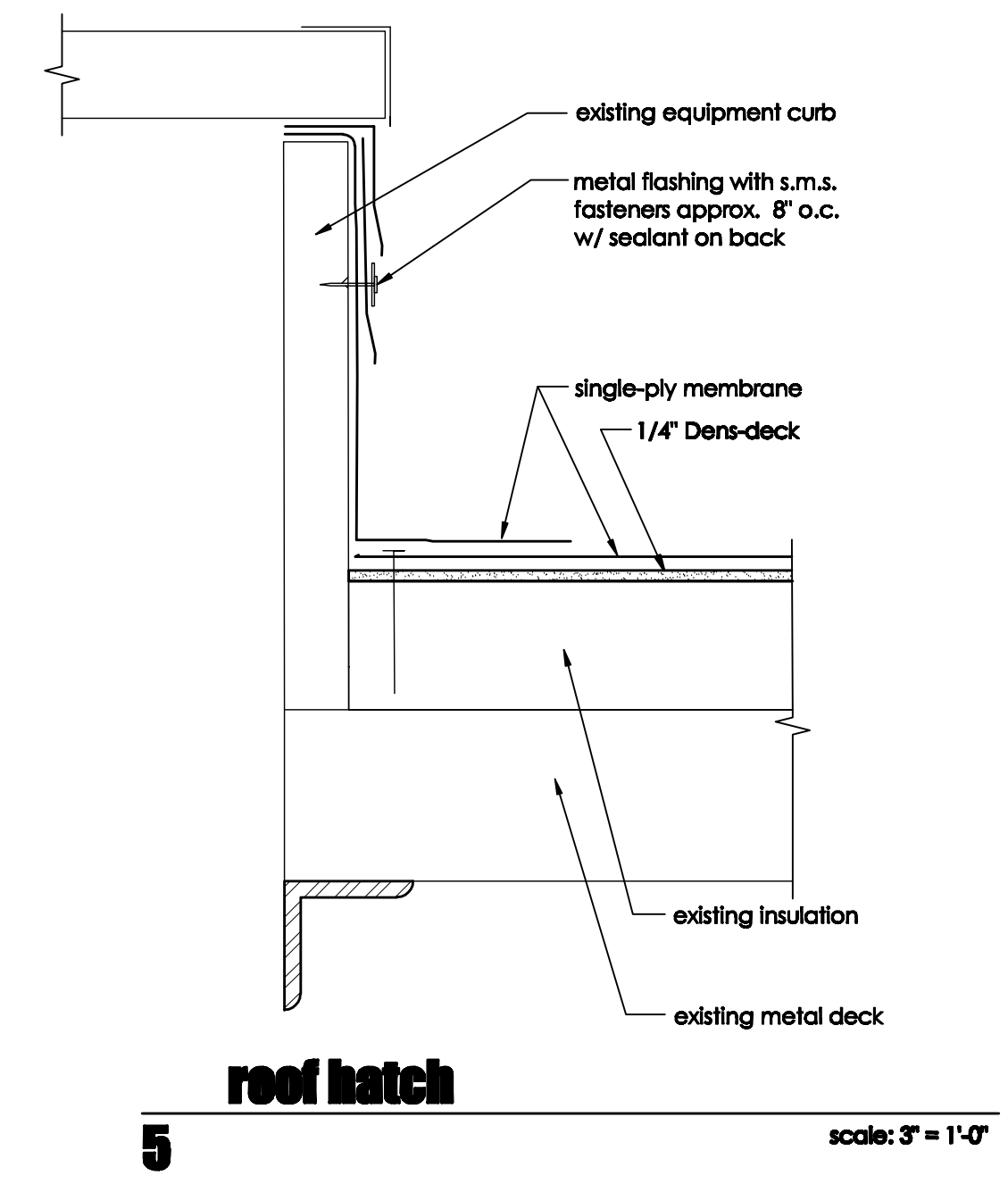
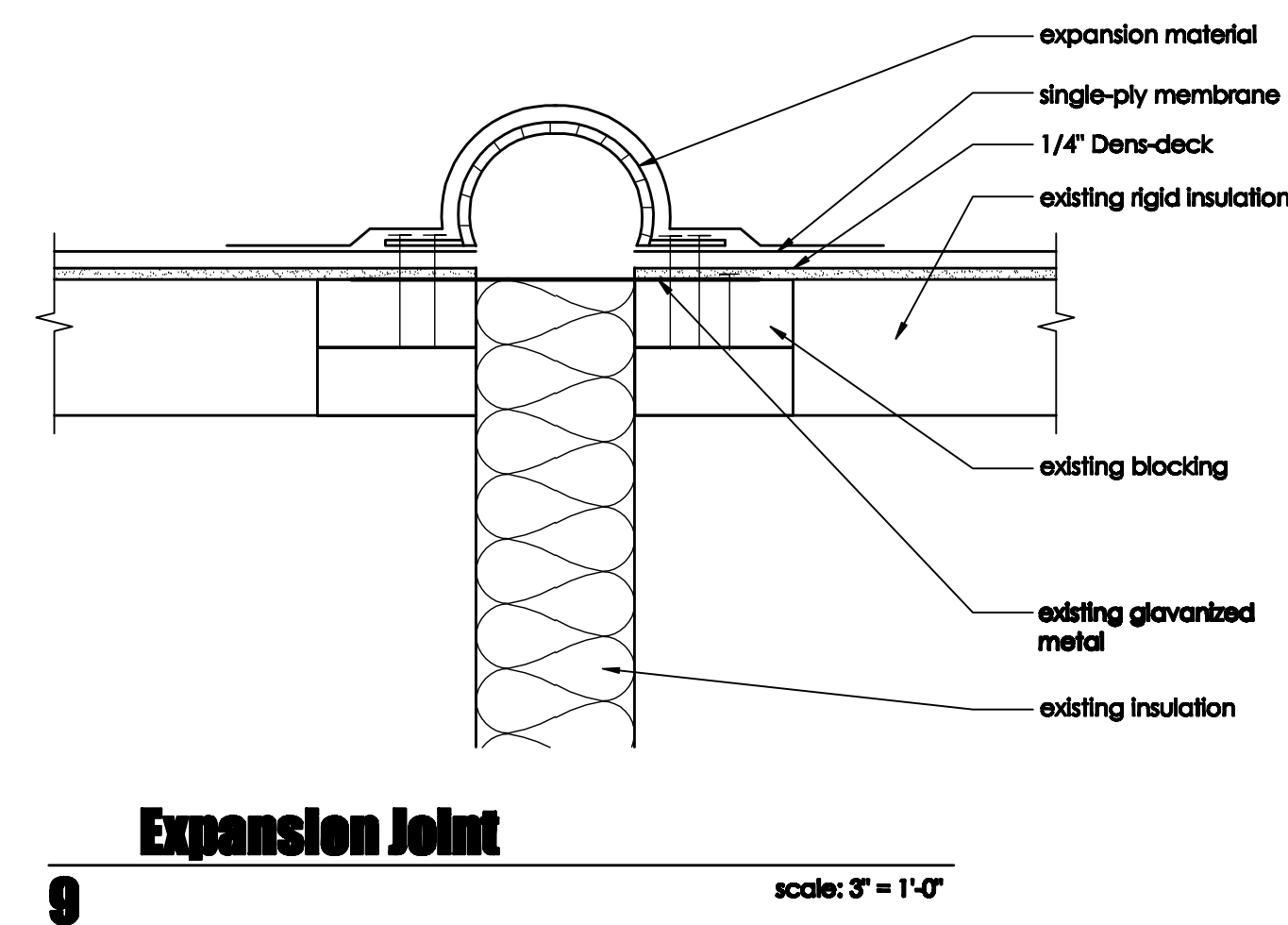
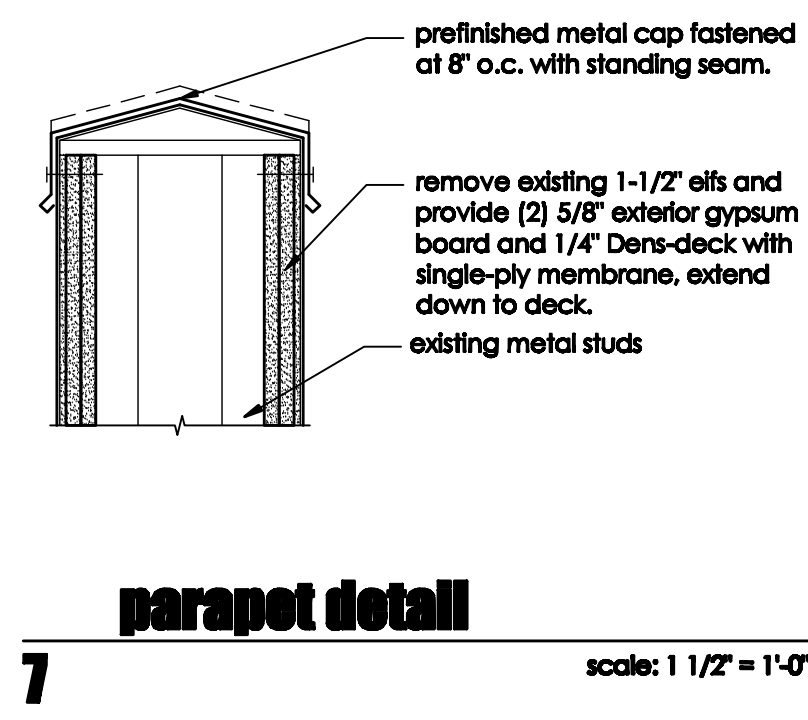
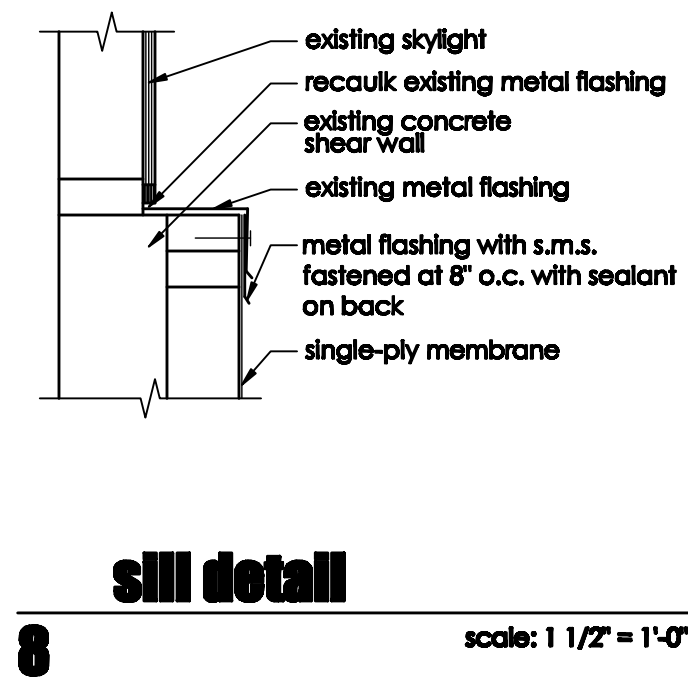
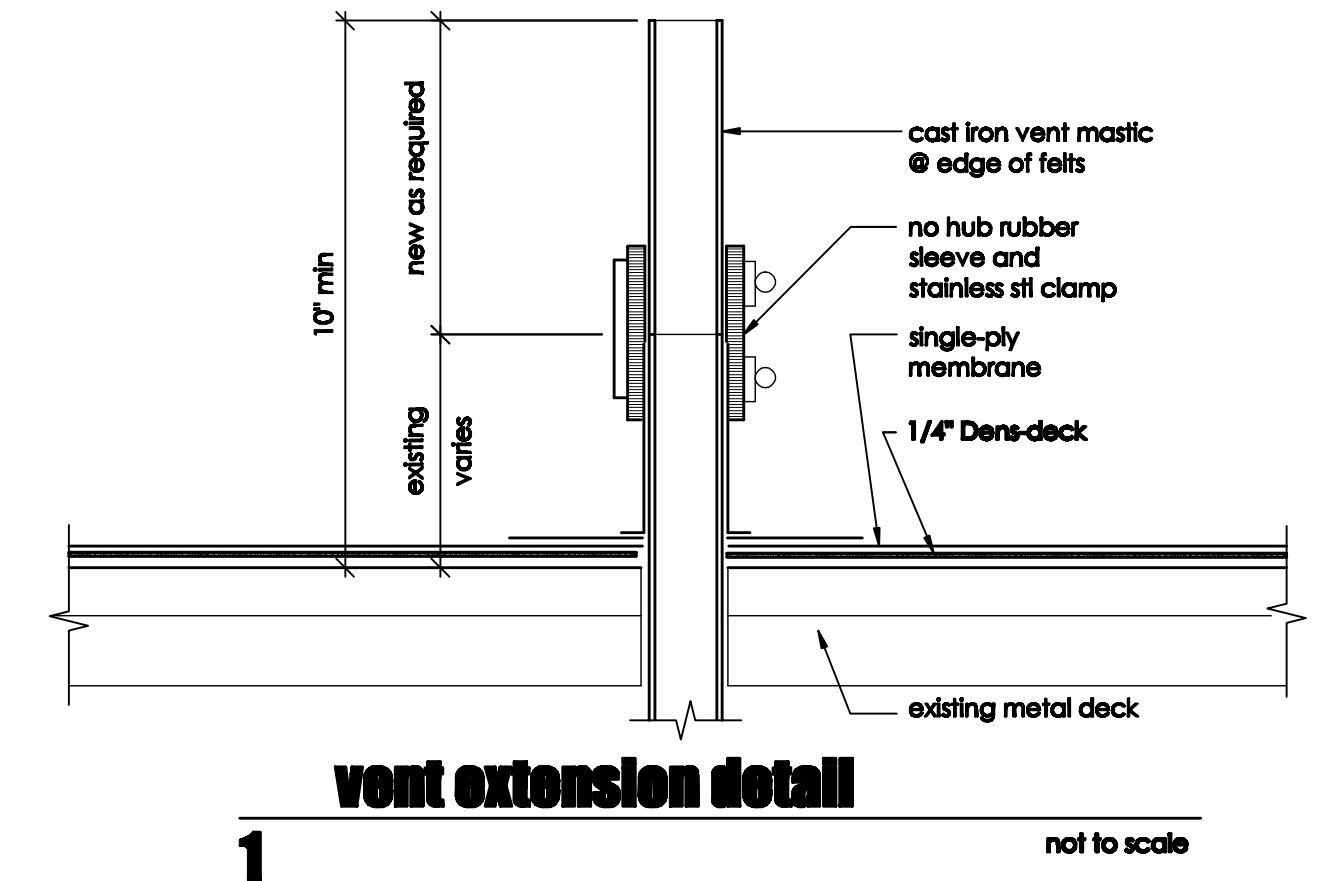
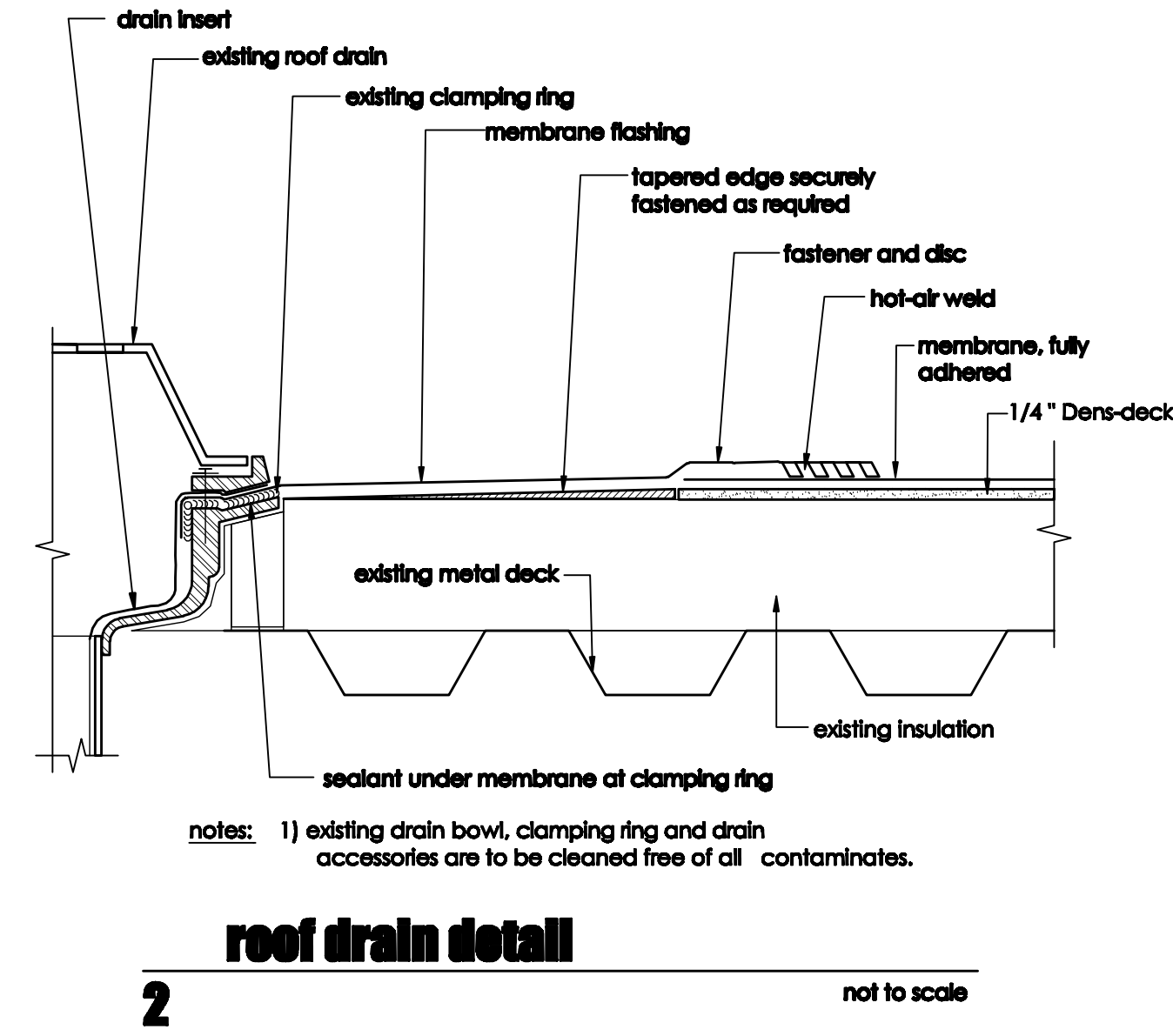
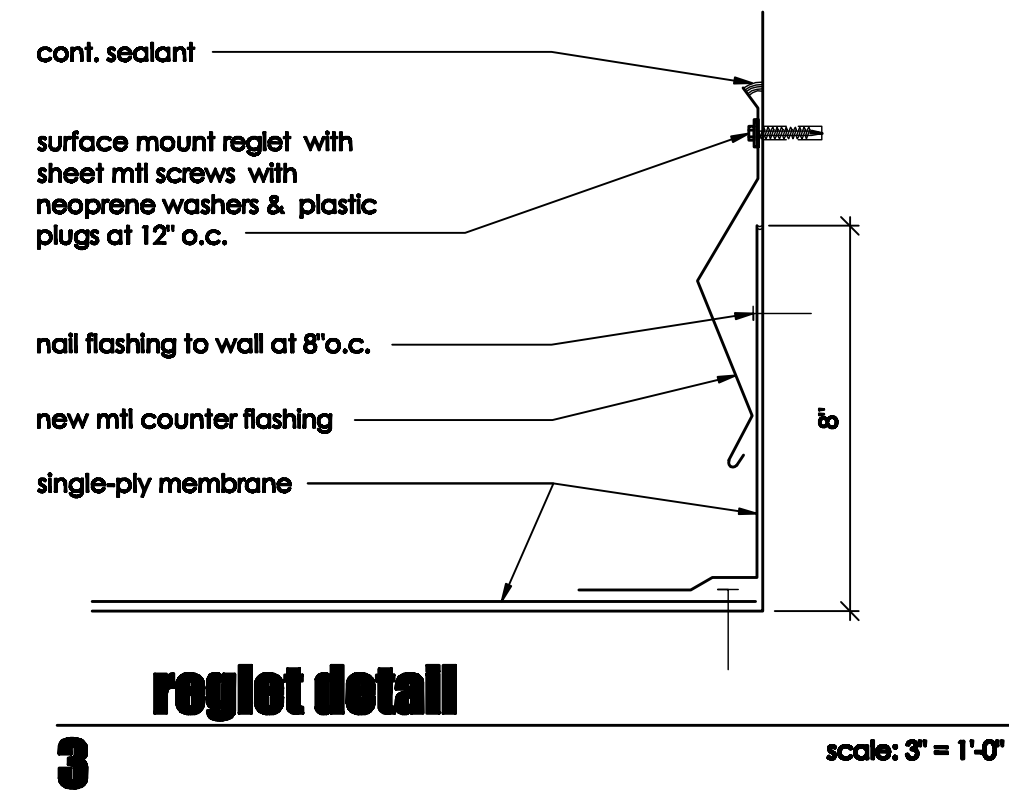
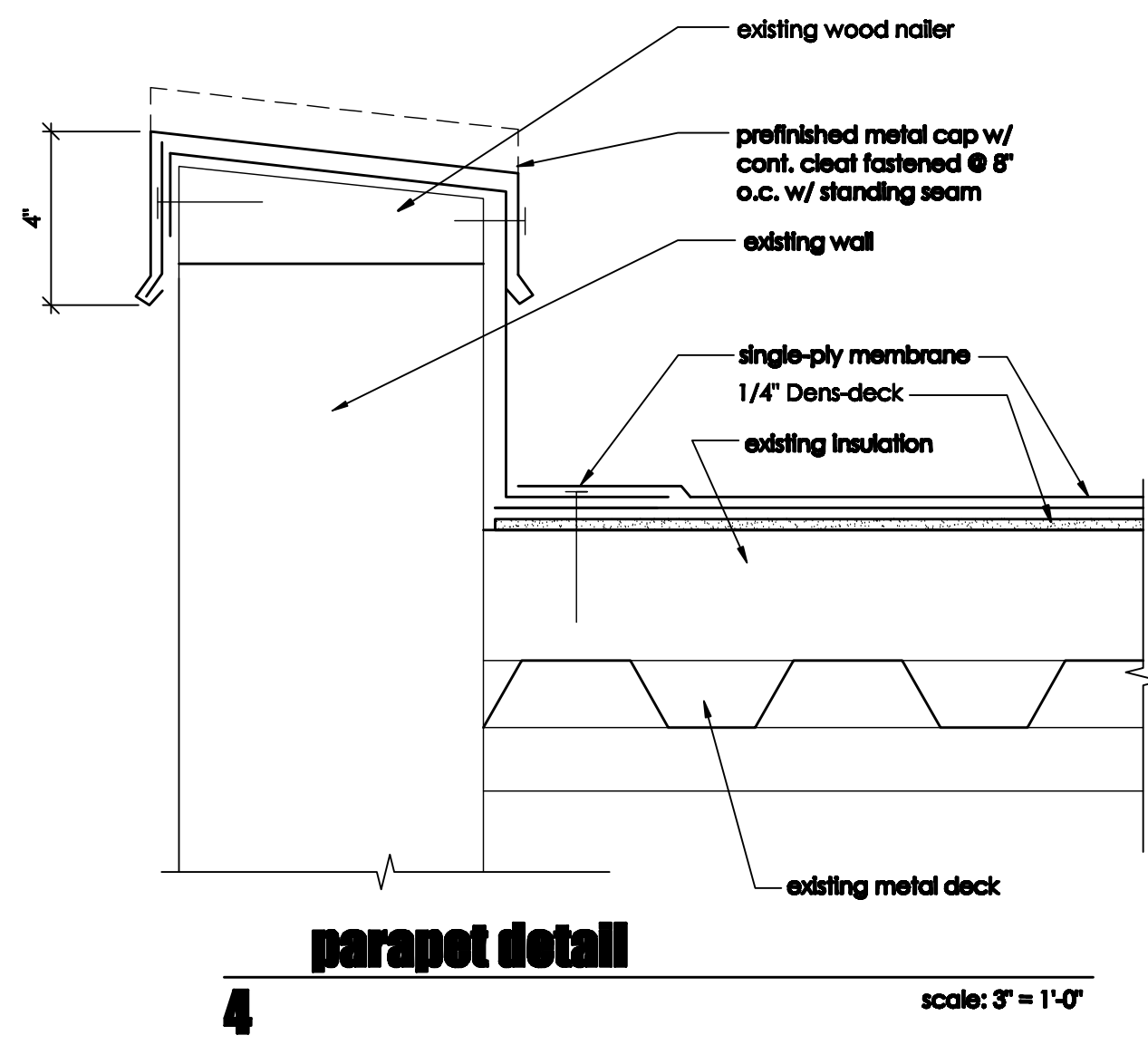
richards bott architects 620 24th street ogden, utah 84401 phone 801.394.3033 fax 801.394.5064

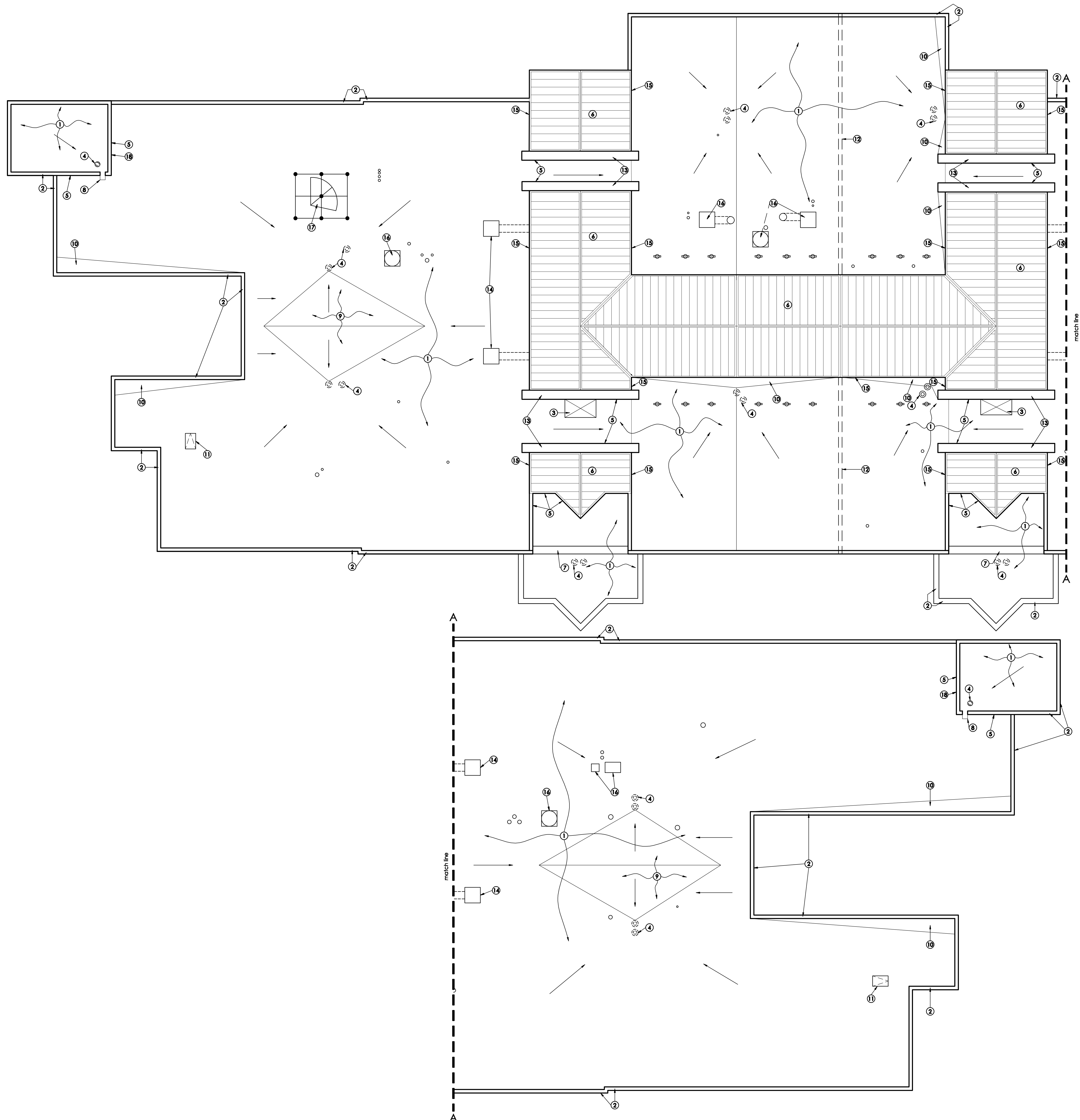
usu - emma eccles jones
education bldg. reroof
1600 Old Main Hill
Logan, Utah 84322
project no. 0006
04.30.06

set #

cover sheet / general information

g000





general notes

- Provide all miscellaneous flashing and accessories required for a complete job. Flash all roof penetrations. Remove and reinstall all miscellaneous equipment.
- All miscellaneous vents, flues, curbs, etc. to meet minimum code clearance above new roof line.
- Field verify exact sizes and dimensions.
- The existing roof was viewed with an infrared thermal imaging camera and no major areas of water were discovered. Therefore it was determined that the existing insulation is in good condition.
- Flash existing vtr, flue, and window clearing see 1/a2.1.

keyed notes

- Existing single ply membrane to be removed, the existing fasteners may remain on existing polyisocyanurate insulation on a metal deck to remain, provide 1/4" Dens deck with new pvc single-ply membrane, mechanically fastened.
- Remove existing metal parapet cap. Provide new prefinished. See 4/a2.1.
- Mechanical penthouse or unit, remove and reinstall as required to flash existing curb, see 5/a2.1 sim.
- Existing roof drain and over plan drain, remove and reinstall as required for new single-ply membrane, see 2/a2.1.
- Remove existing reglet and provide new, see 3/a2.1.
- Existing skylight to remain. Extend membrane under flashing.
- Wrap existing beam with metal cap, similar to 4/a2.1.
- Flash existing scupper.
- Existing cricket insulation to remain add additional 1/8" sloped insulation.
- Existing cricket to remain.
- Flash around existing roof hatch, see 5/a1.2.
- Expansion joint, see 6/a2.1.
- Remove existing efts on existing metal studs, both sides. Provide (2) layers of 5/8" exterior gypsum board with 1/4" Dens-deck and single ply-membrane. Provide prefinished metal fastened at 8' o.c.
- Remove existing swamp cooler, flash curb and reinstall swamp cooler, see 5/a2.1.
- Extend membrane under existing flashing provide a metal flashing under existing. Rescaut existing flashing at window, see 8/a2.1.
- Remove existing exhaust fan or equipment to flash existing curb, reinstall equipment, see 5/a2.1.
- Protect existing satellite to remain, flash pipe columns.
- Provide wall mounted sign on interior wall next to door, see specifications.